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(54) Method and kit for measuring anti-EBNA antibodies.

(57) This invention provides a simple immunoassay system and a measuring kit for use in the measurement of anti-EBNA antibodies, in which recombinant type EBNA proteins are used. The anti-EBNA antibody measuring kit is useful for the individual measurement of anti-EBNA-1 antibodies, anti-EBNA-2 antibodies, anti-EBNA-3 antibodies, anti-EBNA-4 antibodies, anti-EBNA-5 antibodies and anti-EBNA-6 antibodies.

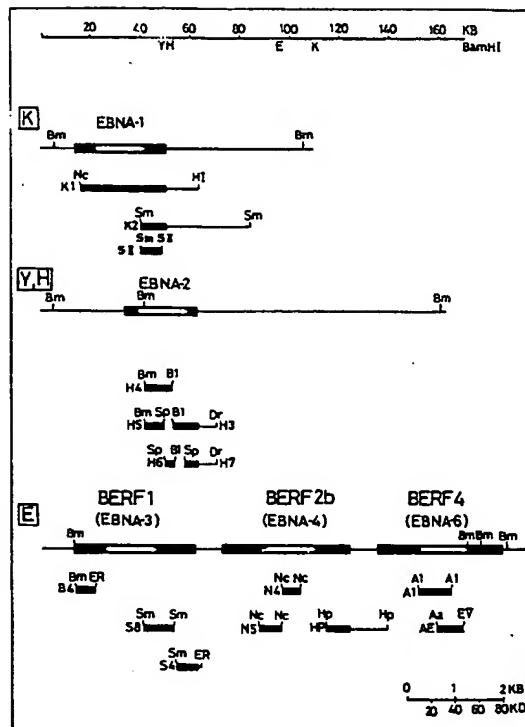
Particularly, this invention provides a method for the measurement of anti-EBNA antibodies which comprises the steps of allowing anti-EBNA antibodies in a test sample to react with a recombinant type EBNA fusion protein immobilized on a support

through an anti- β -galactosidase antibody, allowing the anti-EBNA antibodies to react with an enzyme-conjugated anti-EBNA antibody and measuring a signal (enzyme activity) generated from the conjugated enzyme contained in an immune complex formed by the above steps.

Also particularly, this invention provides an anti-EBNA antibody measuring kit in which an anti- β -galactosidase antibody and a recombinant type EBNA fusion protein are immobilized on a support through binding of the anti- β -galactosidase antibody to the support and binding of the recombinant type EBNA fusion protein to the anti- β -galactosidase antibody.

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Fig. 1





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X	WO-A-8 601 210 (SCRIPPS CLINIC AND RESEARCH FOUNDATION) * page 6 - page 7 * * page 12 * * page 13, line 33 - page 14, line 8 * * page 14, line 29 - page 15, line 6 * * page 35, line 7 - line 8 * * page 47 - page 50 *	1-4,11, 21-23, 26,39,40	
Y		5-10, 12-20, 24,25, 27-38, 41-58	
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The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
BERLIN	16 FEBRUARY 1993	CEDER O.	
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